

**PUBLIC HEALTH AND MEDICAL (EMERGENCY FUNCTION 08)
SITUATION REPORT
ZIKA VIRUS, 2016
DATE OF REPORT: JUNE 1, 2016
OPERATIONAL PERIOD: 2 (MAY 25 – JUNE 1, 2016)
CALIFORNIA DEPARTMENT OF PUBLIC HEALTH
EMERGENCY MEDICAL SERVICES AUTHORITY**

EXECUTIVE SUMMARY

The Medical and Health Coordination Center (MHCC) continues to be activated in response to the Zika Virus Disease (Zika) in order to aggregate and update information from a variety of sources and coordinate response activities across the California Department of Public Health (CDPH). CDPH centers and programs will assist in providing information related to their specific activities on a weekly basis. This information will be collected and included in a weekly Public Health and Medical Emergency Function (EF) 8 Situation Report released by the MHCC. The MHCC will manage requests for information from the public, healthcare facilities, and local health districts and ensure responses are timely and accurate during a time of evolving information.

Zika is transmitted to people primarily through the bite of an infected *Aedes aegyptus* mosquito (also known as yellow fever mosquitoes) and *Aedes albopictus* mosquito (also known as Asian tiger mosquitoes), which are not native to California. Today, more than 60 countries have documented Zika virus transmission, with over 40 reporting their first outbreak within recent months. The most common symptoms of Zika are fever, rash, joint pain, and conjunctivitis (red eyes). The illness is usually mild with symptoms lasting for several days to a week after being bitten by an infected mosquito. People usually don't get sick enough to go to the hospital, and very rarely die of Zika. For this reason, many people might not realize they have been infected. However, Zika virus infection during pregnancy can cause a serious birth defect called microcephaly, as well as other severe fetal brain defects.

The Centers for Disease Control and Prevention, (CDC), CDPH, Emergency Medical Services Authority (EMSA), California Governor's Office of Emergency Services (Cal OES), State level Emergency Function 08 partners, continue to prepare for the management of Zika cases in California. Reporting of select notifiable diseases is mandated by state law in California through *Title 17 California Code of Regulations* and Zika is now a notifiable disease that must be reported.

CDPH continues to work with the healthcare community and local health jurisdictions to identify potential suspect cases and avoid spread of the disease. New guidelines and updated guidelines released by CDC are posted on the CDPH website available at: (<http://www.cdph.ca.gov/HealthInfo/discond/Pages/Zika.aspx>). CDPH and local health jurisdictions are monitoring the situation closely and are taking steps to keep the public safe.

EMSA and the EMSA Duty Officer Program continue to monitor the situation and remain in communication with the Regional Disaster Medical Health Specialists (RDMHS) and Medical Health Operational Area Coordinator (MHOAC) Programs.

DUTY OFFICERS ON CALL

Table 1. Duty Officers On Call		
Agency/Program	Duty Officer Information	
CDPH Duty Officer	Name:	Bonnie Sanders
	Contact Information:	916-328-3605
EPO Duty Officer	Name:	Jerry Fuhrman
	Contact Information:	916-328-9025
EMSA Duty Officer	Name:	Markell Pierce
	Contact Information:	916-423-0911

STATE/REGION OVERVIEW

Table 2. State/Region Overview		
Region/State	Proclamation/Declaration	Activation
MHCC	None	Level I

CDPH RESPONSE ACTIVITIES

CENTER FOR INFECTIOUS DISEASES (CID) DIVISION OF COMMUNICABLE DISEASE CONTROL (DCDC)

The following table provides the number of travel-associated cases of Zika in California residents in 2015 and 2016. CDPH is following CDC testing guidelines. This table is updated every Friday. As of May 27, 2016, there have been 50 travel-associated cases of Zika in California

- Total Cases: **50**
- Pregnant: **11***
- Sexually transmitted: **1**

Cases of Zika in California, 2015-2016 (as of May 27, 2016)		
County	Travel-associated cases¥	Locally acquired cases†
Alameda	4	0
Contra Costa	3	0
Los Angeles	13	0
Marin	1	0
Napa	1	0
Orange	2	0
San Bernardino	3	0
San Diego	12**	0
San Francisco	2	0
San Joaquin	2	0
San Mateo	2	0
Santa Clara	1	0
Solano	1	0
Sonoma	1	0
Yolo	2	0
Total	50	0

*Local Health Departments and CDPH are monitoring all pregnant women and their infants

§Total number of cases includes laboratory-confirmed and probable cases as defined by the CSTE Position Statement

¥Travelers returning from affected areas or their sexual contacts

†Presumed local mosquito-borne transmission

**Includes one non-resident

Epidemiology and Surveillance

- Working with CDC to determine how to classify more complicated Zika testing situations.
- Continuing to monitor patients with Zika virus infection, including those who are pregnant, according to CDC guidelines.

Laboratory

- Quest does not plan to perform testing to diagnose Zika infection among California residents, and should notify us if plans change.
- New guidance issued from CDC regarding routine use of urine in testing for Zika virus infection. Viral and Rickettsial Disease Laboratory (VRDL) is requesting urine specimens from all suspect patients collected up to 21 days from onset of symptoms. VRDL has updated the Zika Virus Laboratory Testing guidance posted on the CDPH website and is coordinating with local public health laboratories to clarify testing guidance.
- Continued work with local public health labs that are starting Zika virus testing. All samples and testing results (positive or negative) will be forwarded to VRDL.
- VRDL participated in a conference call with the local and national laboratories regarding Zika testing capacity. The goal of the call was to assess surge capacity for Zika virus testing in key state public health laboratories.
- VRDL will review Zika virus laboratory testing at a CDPH Clinical Laboratory Technical Advisory Committee Meeting June 3, 2016.

Vector Surveillance and Control

- Supplemental Zika Plan to be published today on CDPH's website and distributed to local public health and healthcare providers.
- Participated in call with international airports in California to discuss how to spread awareness of possible Zika virus exposure based on evidence of what is working in airports already using Zika messaging.
- San Diego has Zika information posted in several areas including at Transportation Security Administration (TSA) checkpoints and at customs at the airport, and at the inbound side of Mexico/US border crossings.

Collaborative Activities

- CID also provided updates on laboratory testing, vector control, and State and national cases of Zika Virus Disease.
- Title 17 approved, making Zika case reporting mandatory in California.

CENTER FOR FAMILY HEALTH (CFH)

Program Events

- CFH presented at a conference call for CAL OES on Thursday, May 26th regarding an update on pregnancy issues and Zika.
- CDPH Communications Team meeting 5/24 Action items – Subcommittee to meet to determine priorities for use of available Epidemiology and Laboratory Capacity (ELC) funds (via Vector-Borne Dz Section) for printing posters, considering needs of Federally Qualified Health Centers (FQHC) and Community clinics; coordinate with Office of Rural Health at California Department of Health Care Services (DHCS). Add information to the Provider Frequently Asked Questions (FAQ) on California implementation of data collection/reporting to the CDC Zika Pregnancy Registry. Ongoing follow-up with United States/Mexico unit regarding border crossing messaging.

Requests for Information (Not sent from CID or MHCC)

- Request came to CFH for a clinical expert to assist health care providers. CFH identified an expert resource for local health officers with complex clinical questions regarding Zika in pregnancy: Dr. Neal Silverman, Maternal-Fetal Medicine and Infectious Disease Specialist at UCLA.

Public Information Released By CFH

- The Zika Communications Team continues to write Facebook posts and Tweets, providing content on a regular basis to both Office of Public Affairs (OPA) and the Fusion Center.

Resource Needs of CFH

- Personnel needed in Maternal, Child and Adolescent Health (MCAH) to coordinate and provide training and technical assistance to local MCAH Directors
- Personnel in Office of Public Affairs (OPA) to lead communications team
- Personnel in Genetic Disease Screening Program (GDSP) to support expansion of surveillance efforts for California Birth Defects Monitoring Program (CBDMP)

EMERGENCY PREPAREDNESS OFFICE (EPO)

- CDPH has activated the MHCC at a Level 1 to aggregate and update information about Zika from a variety of sources and to coordinate response activities across the CDPH Centers/Programs.
- MHCC and EPO management regularly participate in teleconferences regarding Zika with Federal, State, and local partners, assist in development of guidance documents, and coordinate CDPH Center/Program actions.

CAHAN ALERTS

- 5-25-16 CAHAN Emergency Alert – CAHAN - Diagnostic Testing of Urine Specimens for Suspected Zika Virus Infection
- 5-25-16 CAHAN Emergency Alert – CAHAN - Testing Urine Specimens for Suspected Zika Virus Infection ***CORRECTED

PUBLIC INFORMATION

Press Releases Issued

- 5-26-2016: [Public Health Officer Cautions Californians to Avoid Mosquito Bites While Traveling](#)

Public Health Advisories in Effect

- 1-19-16: Zika Virus in Latin America.
(<http://www.cdph.ca.gov/HealthInfo/discond/Documents/CDPHZikaVirusHealthAdvisory.pdf>)
- 5-26-2016: Zika, Chikungunya, and Dengue in Latin American and the Caribbean.
(<http://www.cdph.ca.gov/HealthInfo/discond/Documents/HealthandTravelAdvisoryZikaDenChik05-26-16.pdf>)

Media Contacts of Note

- Whitney Gould, KPIX CBS in SF, interviewed Dr. Vicki Kramer of the Center for Infectious Diseases about Zika transmission and mosquito repellent. Interview was conducted 5-27-2016.

CDC GUIDANCE DOCUMENTS RELEASED

The following documents are found on this CDC webpage:

<http://www.cdc.gov/zika/whats-new.html>

- [Zika Active Pregnancy Surveillance System \(ZAPSS\) in Puerto Rico Fact Sheet \(English and Spanish\)\[PDF - 2 pages\]\(http://www.cdc.gov/zika/pdfs/zika-puerto-rico-handouts.pdf\)](http://www.cdc.gov/zika/pdfs/zika-puerto-rico-handouts.pdf) - May 27, 2016
- [HAN: 389 Diagnostic Testing of Urine Specimens](http://www.cdc.gov/zika/pdfs/zika-han-389-diagnostic-testing-of-urine-specimens.pdf) - May 25, 2016
- [Technical Statement on the Role of Disinsection in the Context of Zika Outbreaks\(http://www.cdc.gov/zika/vector/disinsection.html\)](http://www.cdc.gov/zika/vector/disinsection.html) - May 24, 2016

CDPH GUIDANCE DOCUMENTS RELEASED

Released During Operational Period:

- May 27, 2016: [CA Zika Response Activities and Resources \(PDF, New Window\)](#)
- May 26, 2016: [Public Health Officer Cautions Californians to Avoid Mosquito Bites While Traveling](#)
- May 26, 2016: [HEALTH and TRAVEL ADVISORY - Zika, Chikungunya, and Dengue in Latin America and the Caribbean \(PDF, New Window\)](#)
- March 25, 2016: [Public Health Reports First Confirmed Zika Virus Case Acquired Through Sexual Transmission in California](#)

The following link contains all of the CDPH developed documents related to Zika:

<http://www.cdph.ca.gov/HealthInfo/discond/Pages/Zika.aspx>

AMERICAN SOCIETY OF MICROBIOLOGY (ASM) GUIDANCE DOCUMENTS RELEASED

The following link contains all of the ASM documents and relevant Zika related updates.

<http://www.asm.org/index.php/public-policy/93-policy/94194-asm-acts-to-counter-zika-virus-outbreak>